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To the Honorable Commissioner of Patents and Trademarks
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he

1. Name of conveying party(ies):
**Heinz Mueller, Claus-Peter Herold and
Stephan Von Tapavicza**

2. Name and address of receiving party (ies):
Name: **Henkel Kommanditgesellschaft auf Aktien (Henkel KGaA)**

Additional names(s) or conveying party(ies) attached? [] Yes [X] No

Internal Address: _____

3. Nature of Conveyance:
[X] Assignment [] Merger
[] Security [] Change of Name
[] Other
Execution Date: May 21, 1999

Street Address: TFP/Patentabteilung

City: Duesseldorf State GER Zip D-40191

Additional name(s) & addresses attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No. (s)
09/308,400

B. Patent No (s).

Additional numbers attached? [] Yes [X] No

5. Name and Address of party to whom correspondence concerning document should be mailed:

Name: Henkel Corporation
Internal Address: Law Department
Attention: Glenn E. J. Murphy
Street Address: 2500 Renaissance Blvd -Suite 200
City Gulph Mills State Pa ZIP 19406

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40.00
[] Enclosed

[X] Authorized to be charged to deposit account

8. Deposit account number:
01-1250 (Order No. 99-0637)

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Glenn E. J. Murphy (Reg. No. 33,539)
Name of Person Signing

5/20/99
Date

Total Number of pages including cover sheet, attachments and document: [3]

OMB No. 0651-0100 (EXP. 4/94)

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06/25/1999 MUELLER 00000001 011250 09308400
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PATENT
REEL: 010048 FRAME: 0465

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, we, Heinz Mueller, Claus-Peter Herold and Stephan Von Tapavicza citizens of Germany and residents of Sperberstr. 5, 40789 Monheim, Germany; Ostpreussenstr. 26, 40822 Mettmann, Germany and Thomas-Mann-Str. 12, 40699 Erkrath, Germany; respectively, have invented certain new and useful improvement in USE OF SELECTED FATTY ALCOHOLS AND THEIR MIXTURES WITH CARBOXYLIC ACID ESTERS AS LUBRICANT COMPONENTS IN WATER-BASED DRILLING FLUID SYSTEMS FOR SOIL EXPLORATION for which we have made application for United States Letters Patent, said application having been filed as PCT international application number PCT/EP97/06230 on November 10, 1977 designating the United States of America; and various other countries; and

WHEREAS, Henkel Kommanditgesellschaft auf Aktien (Henkel KGaA) a corporation duly organized and existing under the laws of Germany and having a place of business at TFP/Patentabteilung, D-40191 Duesseldorf, Germany is desirous of acquiring the entire right, title and interest in and to said invention, said application and any and all Letters Patent which may issue thereon;

NOW, THEREFORE, to all whom it may concern, be it known that we, the said Heinz Mueller, Claus-Peter Herold and Stephan Von Tapavicza for and in consideration of the sum of ONE DOLLAR (\$1.00) to us in hand paid by the said Henkel KGaA and for other good and valuable considerations, the receipt of all of which is hereby acknowledged, do hereby sell, assign, transfer and set

over unto the said Henkel KGaA its successors and assigns, the entire right, title and interest in and to said invention, said application and any and all Letters Patent that may issue thereon in the United States and any other country or countries together with any division, divisions, extension or extensions, reissue or reissues thereof;

AND, we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent which may issue upon said invention to said Henkel KGaA as assignee of the entire right, title and interest in and to said invention, said application and any and all Letters Patent that may issue thereupon.

IN WITNESS WHEREOF, we have hereunto set our hand as of the following date(s).



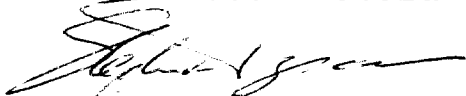
Heinz Mueller

Date 05/21/99



Claus-Peter Herold

Date 05/21/99



Stephan Von Tapavicza

Date 05/21/99

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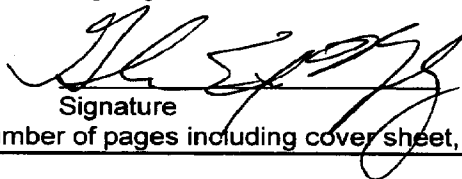
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